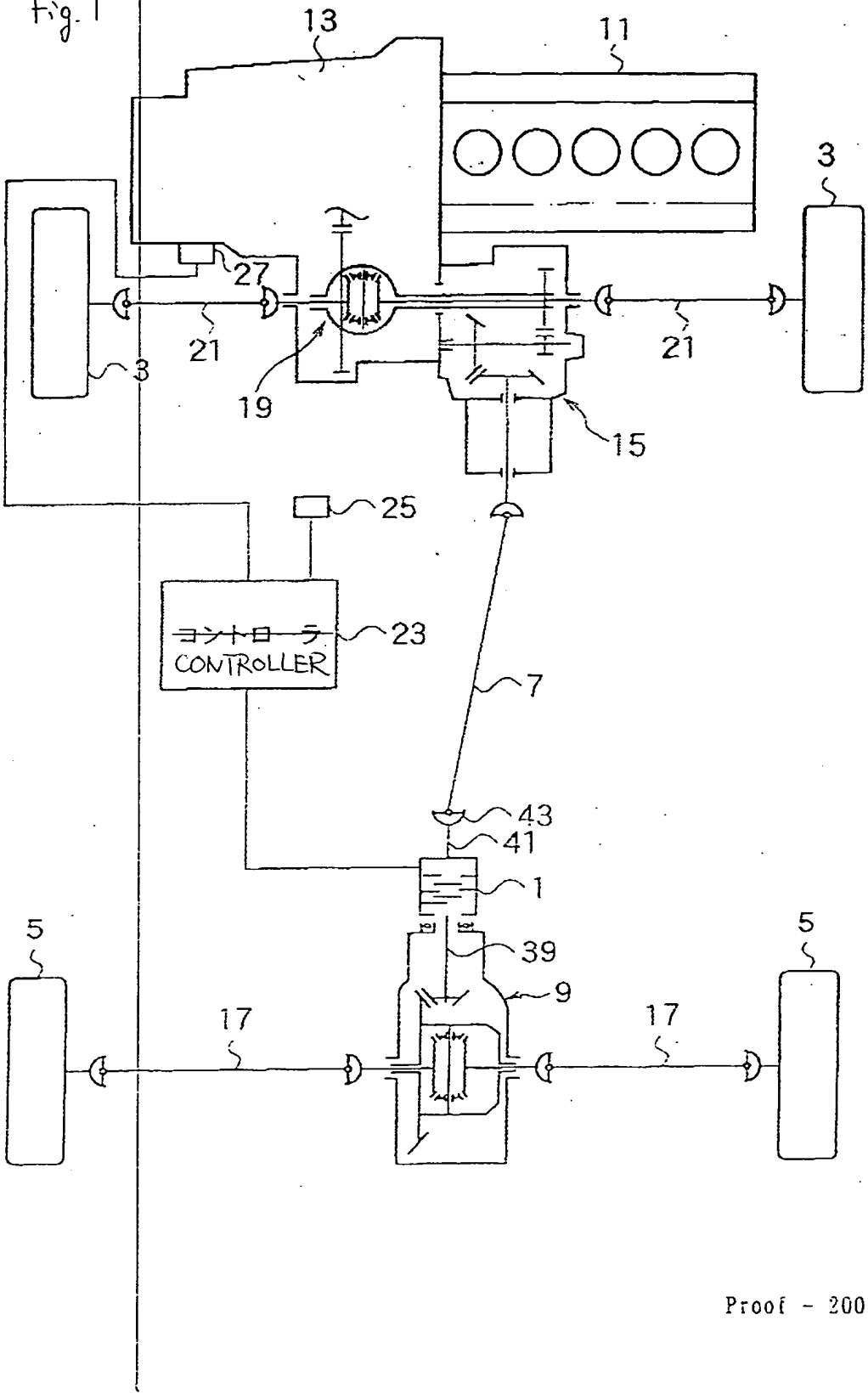
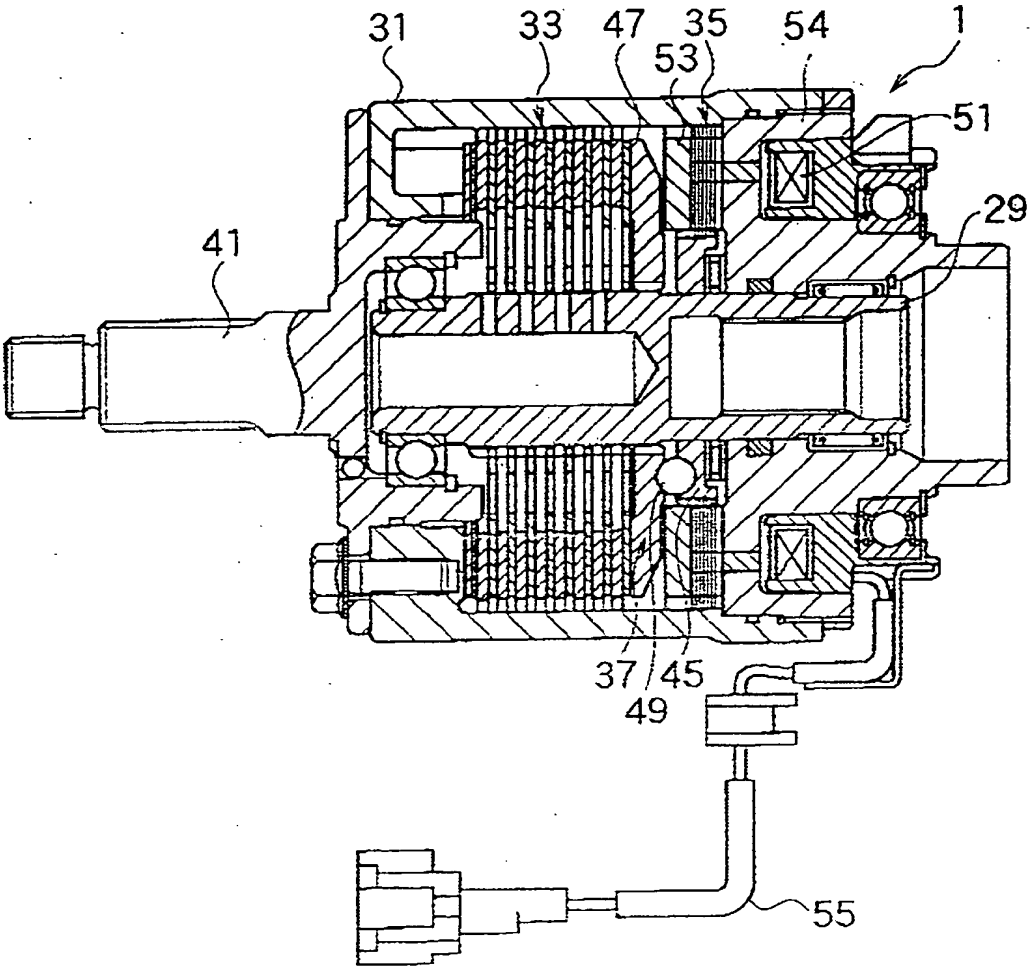
【書類名】 図面

~~【図1】~~

Fig. 1



~~[図2]~~ Fig. 2

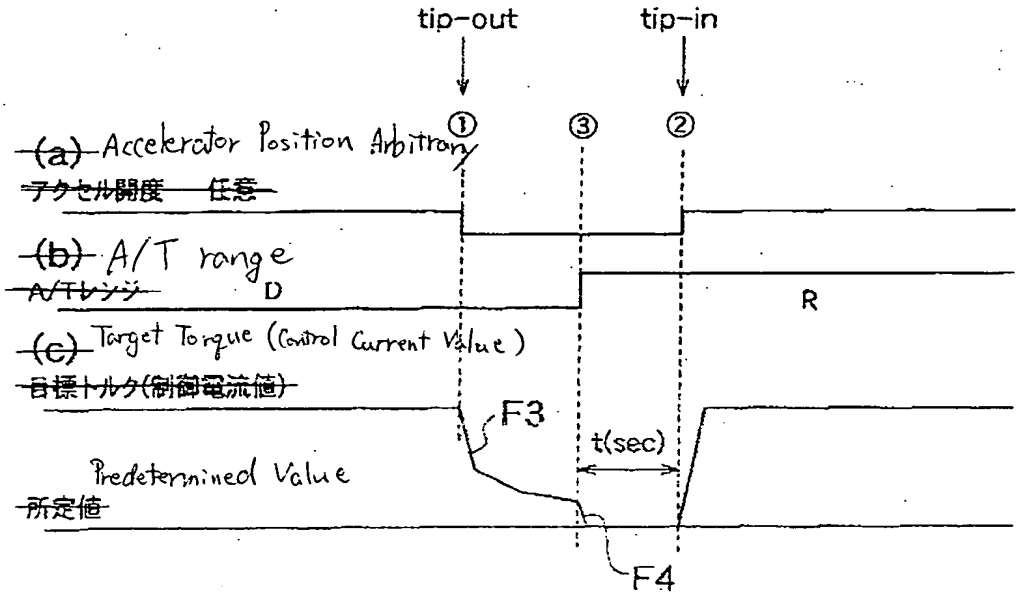


~~【図3】~~

Fig. 3A

Fig. 3B

Fig. 3C

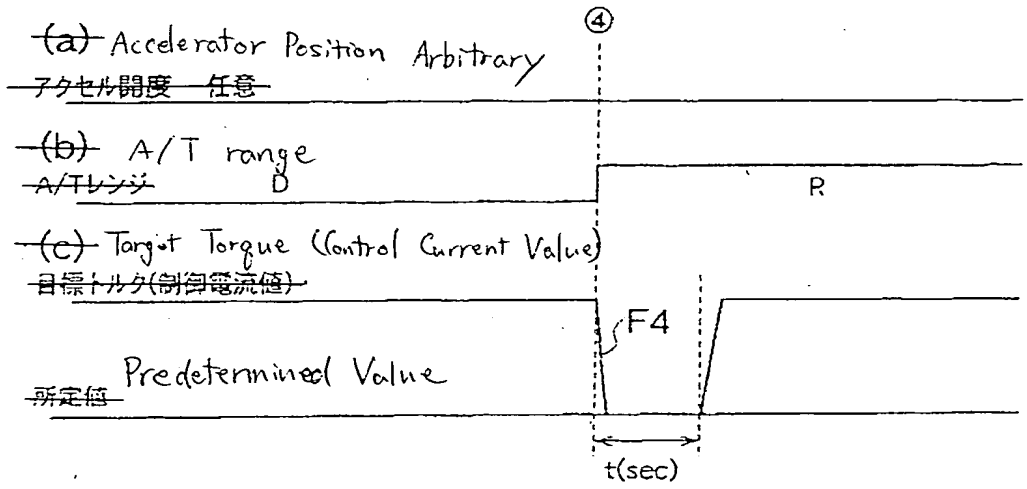


~~【図4】~~

Fig. 4A

Fig. 4B

Fig. 4C



~~[図5]~~

Fig. 5A ~~(a)~~

~~A/Tレンジ認識に使用する信号~~ Signals used for ascertaining A/T range

~~レンジ~~ range
P
R
N
D(1st~X)

Fig. 5B ~~(b)~~

Perception of direction of A/T range

~~A/Tレンジ方向認識~~

~~レンジ(今回)~~ Range (this time)	~~A/Tレンジ方向(今回)~~ Direction of A/T range (This time)
P	~~保持(前回レンジ方向)~~ Retained (Direction of Previous Range)
R	0
N	~~保持(前回レンジ方向)~~ Retained (Direction of Previous Range)
D	1

Fig. 5C ~~(c)~~

Perception of Inversion of A/T range

~~A/Tレンジ反転認識~~

~~前回A/Tレンジ方向xor*今回A/Tレンジ方向~~ Direction of Previous A/T Range XOR Direction of AT Range Obtained This Time	~~A/Tレンジ反転~~
0	~~反転無し~~ Non-Inverted
1	~~反転有り~~ Inverted

~~*xor：排他的論理和~~ XOR: Exclusive or Result

~~[図6]~~ Fig. 6

~~A/Tレンジ反転判定時の動作設定~~ Operation Setting made at the Time of Determination of A/T range

Determination of Inversion of Range ~~レンジ反転判定~~	Target Torque ~~目標トルク~~	~~目標トルク保持時間~~ Target Torque Retention Time	~~目標トルク減少制限~~ Limitation on Reduction of Target Torque
Inverted ~~反転有り~~	~~T(定数化)~~ T (Employed in the form of a constant)	~~t(定数化)~~ t (Employed in the form of a constant)	~~減少方法B(線分F4)~~ Reduction Method B (Line segment F4)
Non-Inverted ~~反転無し~~	Conventional ~~従来値~~ Value	~~0(保持無し)~~ 0 (No Retention)	~~減少方法A(線分F3)~~ Reduction Method A (Line segment F3)

~~[図7]~~

Fig. 7A ~~(a)~~

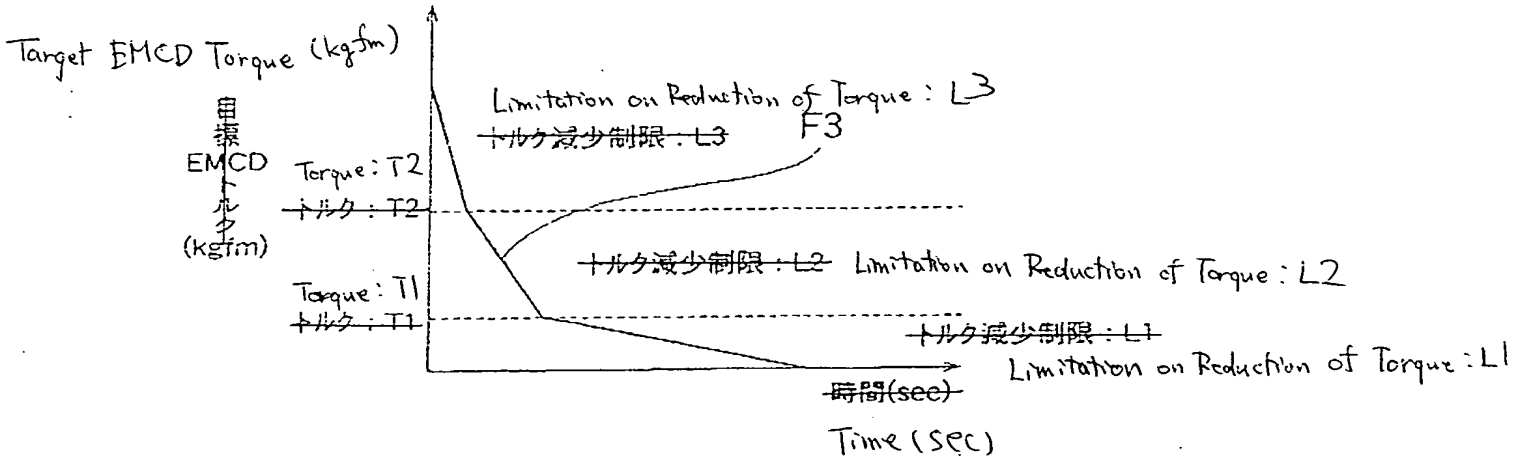
Limitation on Reduction of Target Torque

~~目標トルク減少制限~~

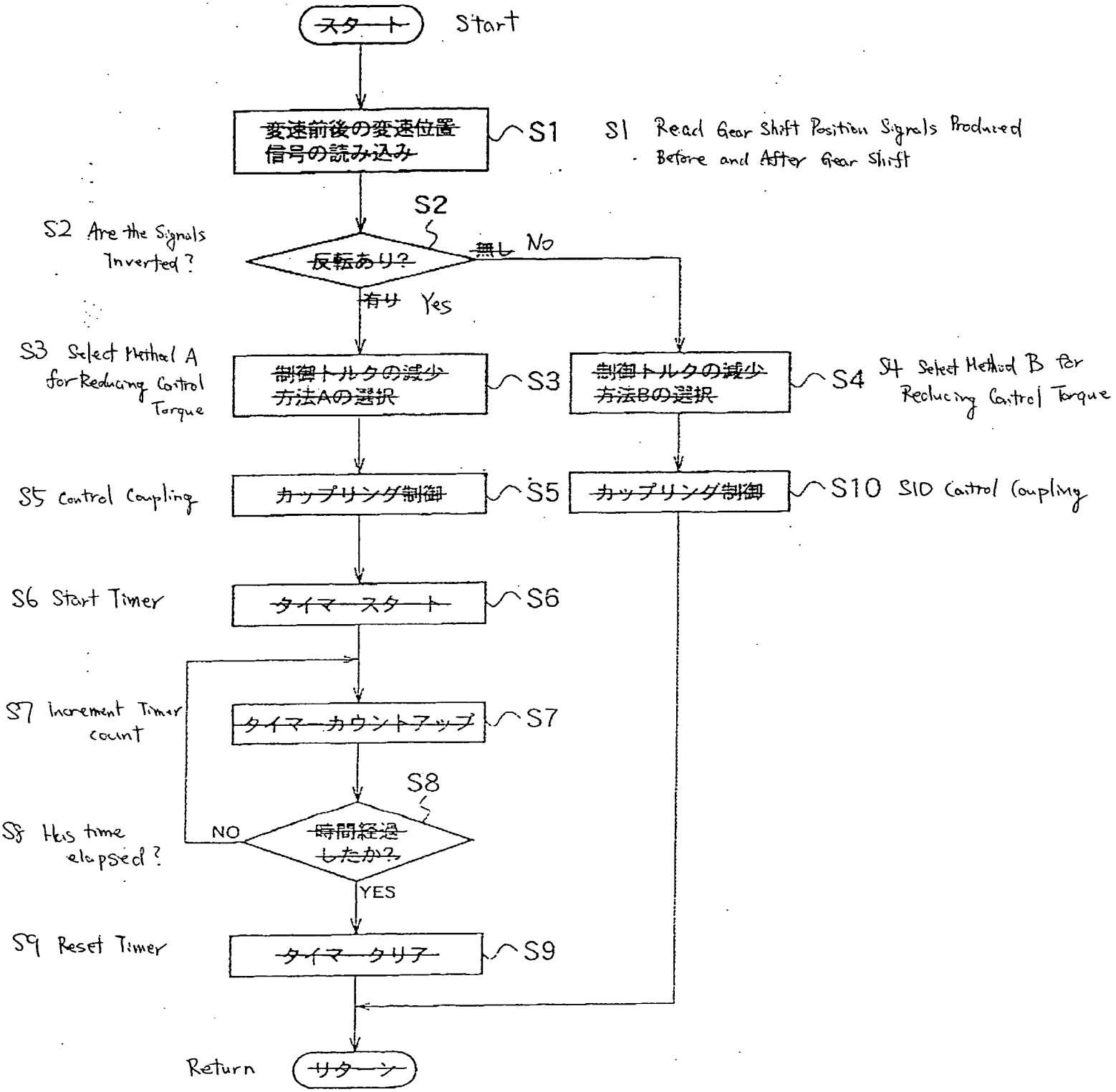
~~目標トルク~~ Target Torque	~~目標トルク減少制限~~ Limitation on Reduction of Target Torque
T2 < Target Torque	~~T2<目標トルク~~ L3
T1 < Target Torque ≦ T2	~~T1<目標トルク≦2~~ L2
Target Torque ≦ T1	~~目標トルク≦T1~~ L1

Fig. 7B

~~(b)~~



~~【図8】~~ Fig. 8



Proof - 2002/10/08

~~【図9】~~

Signals used for Ascertaining M/T range

~~M/Tレンジ認識に使用する信号~~

Fig. 9A

~~(a)~~

~~レンジ~~
N
R
1st~X

Range

Reception of Direction of M/T range

~~M/Tレンジ方向認識~~

Fig. 9B

~~(b)~~

Range (This Time) ~~レンジ(今回)~~	~~M/Tレンジ方向(今回)~~
R	1
N	~~保持(前回レンジ方向)~~
1st~X	0

Direction of M/T range (This Time)

Retained (Direction of Previous Range)

Direction of Previous M/T Range XOR Direction of M/T Range Obtained This Time

Perception of Inversion of M/T range

~~M/Tレンジ反転認識~~

Fig. 9C

~~(c)~~

~~前回M/Tレンジ方向xor*今回M/Tレンジ方向~~	~~M/Tレンジ反転~~
0	~~反転無し~~
1	~~反転有り~~

Inversion of M/T Range

Non-Inverted

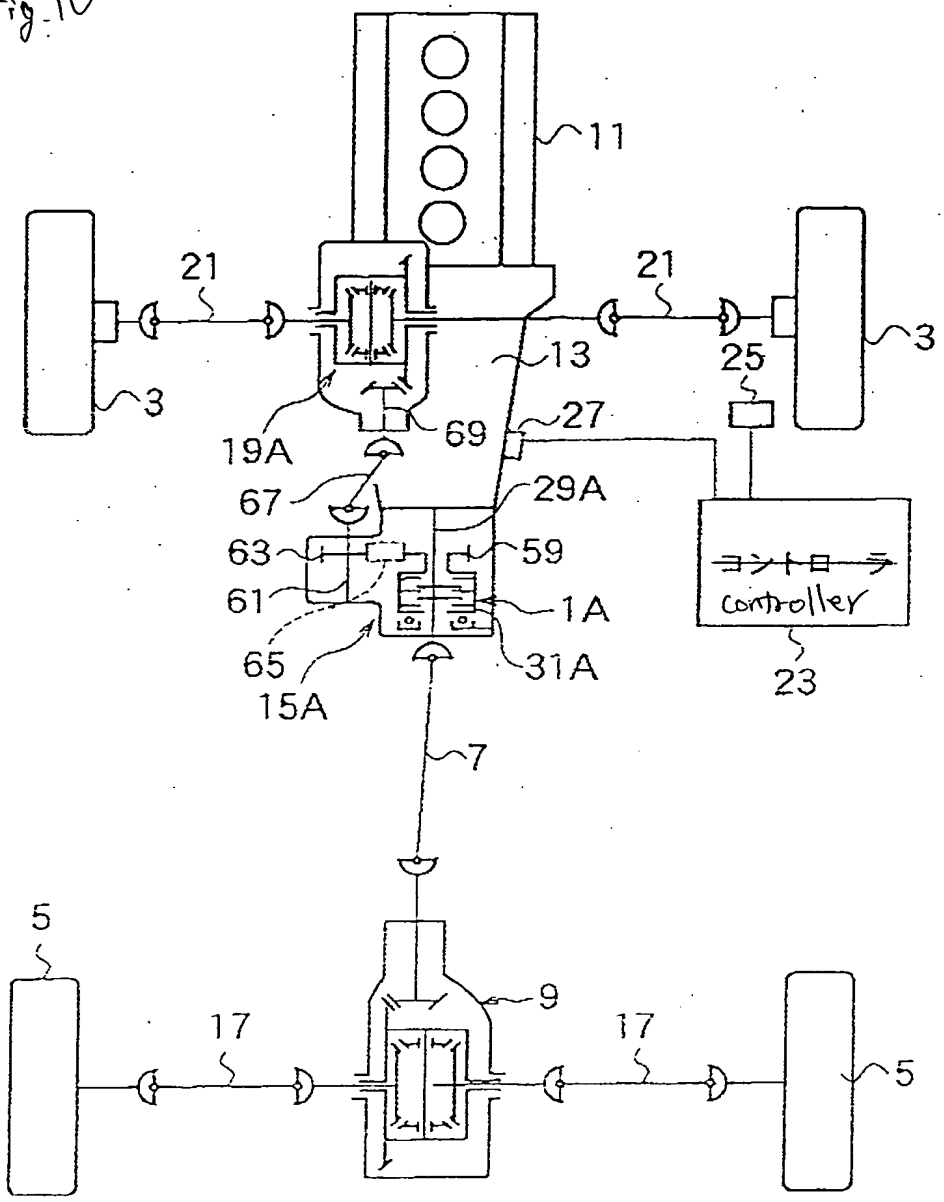
Inverted

~~*xor：排他的論理和~~

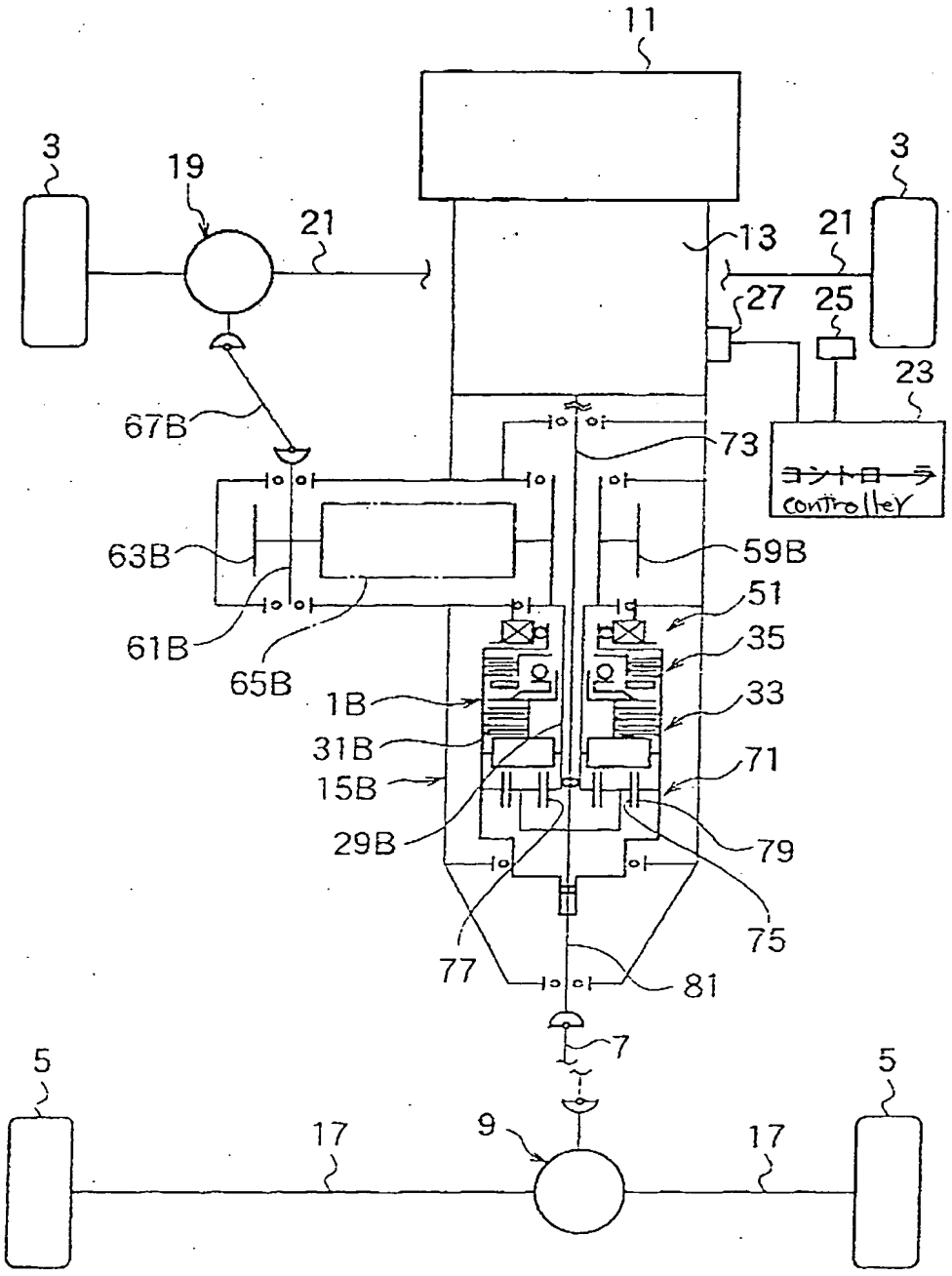
XOR: Exclusive or Result

~~【図10】~~

Fig.10

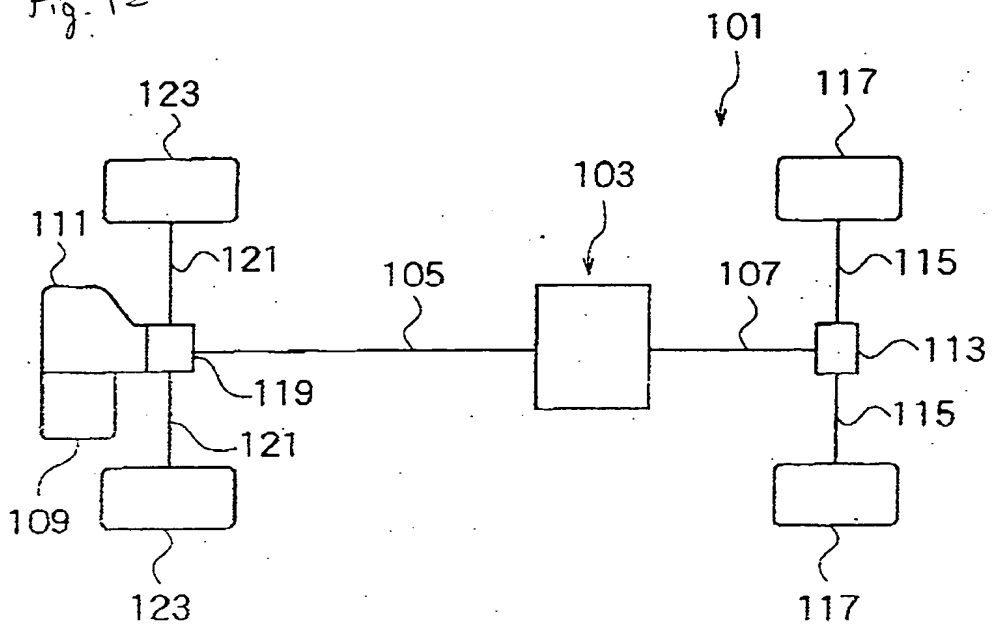

11
21
21
3
3
13
25
19A
69
27
67
29A
63
59
61
1A
65
15A
31A
コントローラ
controller
23
7
5
9
17
17
5

~~【図１１】~~ Fig. 11


11
3
19
21
3
21
13
27
25
23
67B
73
コントローラ
controller
63B
59B
61B
65B
51
35
1B
33
31B
71
15B
29B
79
75
77
81
7
5
17
9
17
5

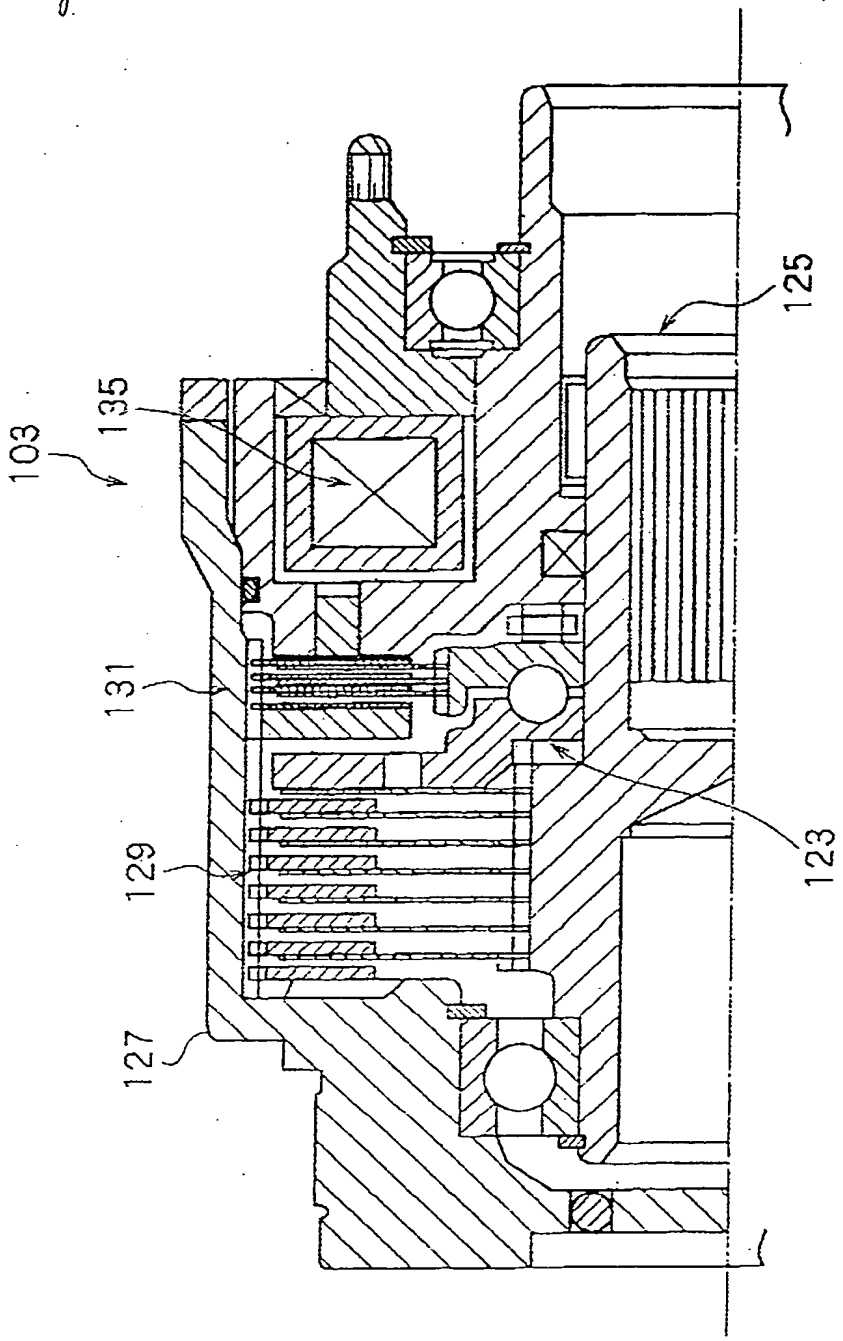
~~【図１２】~~

Fig. 12



~~【図１３】~~

Fig. 13

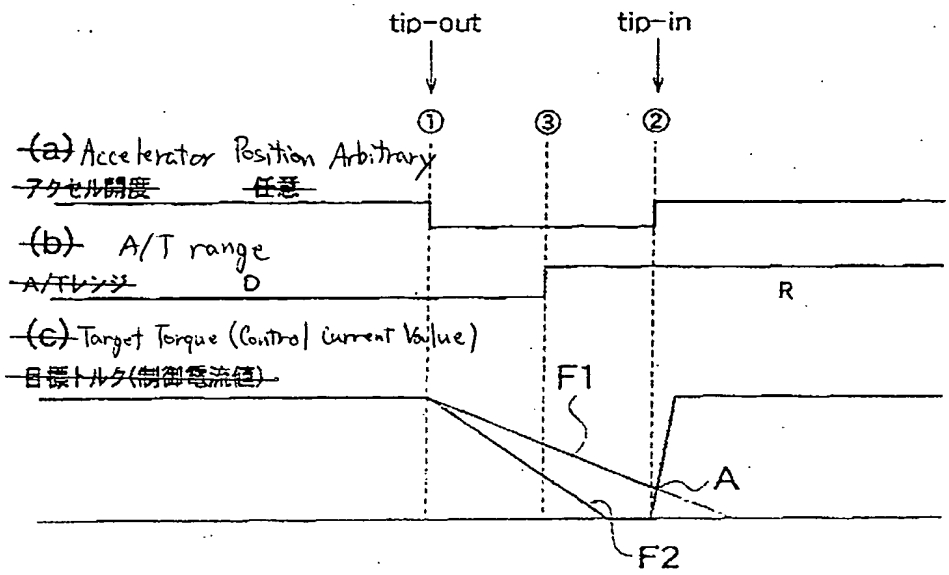


~~【図１４】~~

Fig. 14A

Fig. 14B

Fig. 14C



~~【図１５】~~

Fig. 15A

Fig. 15B

Fig. 15C